APR 15 2008 8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re A | Application of: | | |
|----------------------------|---|--------------------------|----------------------------|
| SUE K. DENISE ET AL. | | Attorney Docket No. | N6N6Y 0404 |
| Application No. 10/750,185 | | | MM1-0101 (14972.105003) |
| Filed: | December 31, 2003 | Examiner: Molly Baughman | |
| For: | COMPOSITIONS FOR INFERRING BOVINE TRAITS) | Art Unit: 1637 | |
| |)) | Conf. No: 5843 | |

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action mailed December 12, 2007, please enter the following amendments and consider the following remarks. Enclosed with the response is a petition for a one month extension of time extending the period for response up to, and including, April 12, 2007 and a Request for Continued Examination along with the required fees.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 5 of this paper.

Conclusions begin on page 9 of this paper.

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 11, 2008.

Stephen C. MacDonald, Reg. No. 60,401